https://www.ncjrs.gov/App/Publications/abstract.aspx?ID=17 3940
Sreetheran, M. & Van Den Bosch, C. C. K. (2014). A socio-
ecological exploration of fear of crime in urban green spaces:
A systematic review. Urban Forestry and Urban Greening,
13(1), 1–18. doi: 10.1016/j.ufug.2013.11.006

## 20.11 Number of violent incidents, nuisances and crimes per 100 000 population

Project Name: UNaLab (Grant Agreement no. 730052)

**Author/s and affiliations:** Laura Wendling<sup>1</sup>, Ville Rinta-Hiiro<sup>1</sup>, Maria Dubovik<sup>1</sup>, Arto Laikari<sup>1</sup>, Johannes Jermakka<sup>1</sup>, Zarrin Fatima<sup>1</sup>, Malin zu-Castell Rüdenhausen<sup>1</sup>, Peter Roebeling<sup>2</sup>, Ricardo Martins<sup>2</sup>, Rita Mendonça<sup>2</sup>

<sup>&</sup>lt;sup>2</sup> CESAM – Department of Environment and Planning, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

Safety, including i	ndicators of crime	Social Justice and Social Cohesion
Description and justification	The number of violent incidents, reportable nuisances and other crimes is a primary indicator of feelings of personal safety (ISO, 2018). For simplicity, the crime rate of a given metropolitan area can be assessed before and after NBS implementation to determine the impact of NBS actions on local crime. Individual surveys are necessary to directly assess citizens' feelings of personal safety, but the crime rate can provide an easily quantifiable metric of actual crime in a given area.	
Definition	Number of violent incident 100 000 population	dents, nuisances and crimes per
Strengths and weaknesses	+ Simple and easy to a - All the crimes might	
Measurement procedure and tool	incidents, annoyances It is calculated as:  Total nu	ed as the number of violent and crimes per 100 000 population.  Sumber of crimes reported otal population/100 000)

<sup>&</sup>lt;sup>1</sup> VTT Technical Research Centre Ltd, P.O. Box 1000 FI-02044 VTT, Finland

	The result is expressed as the number of crimes per 100 000 population.		
Scale of measurement	District to metropolitan scale		
Data source			
Required data	Number of crimes reported and city's population		
Data input type	Quantitative		
Data collection frequency	Before and after NBS implementation		
Level of expertise required	Moderate		
Synergies with other indicators	No synergies identified		
Connection with SDGs	SDG 11 Sustainable cities and communities, SDG 15 Life on land, and SDG 16 Peace, justice and strong institutions		
Opportunities for participatory data collection	No opportunities identified		
Additional information			
References	Bosch, P., Jongeneel, S., Rovers, V., Neumann, HM., Airaksinen, M., & Huovila, A. (2017). CITYkeys indicators for smart city projects and smart cities. CITYkeys D1.4. Retrieved from <a href="http://nws.eurocities.eu/MediaShell/media/CITYkeysD14Indicatorsforsmartcityprojectsandsmartcities.pdf">http://nws.eurocities.eu/MediaShell/media/CITYkeysD14Indicatorsforsmartcityprojectsandsmartcities.pdf</a> International Organization for Standardization (ISO). (2018). Sustainable cities and communities — Indicators for city services and quality of life (ISO 37120: 2018). Retrieved from <a href="https://www.iso.org/standard/68498.html">https://www.iso.org/standard/68498.html</a>		